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The Wind in a Frolic.

The wind one morning sprung up from sleep, saying, "Now for a frolic! now for a leap! Now for a mad-cap galloping chase! I'll make a compection in every place!" So it swept, with a bustle right through a great town, Creaking the signs, and scattering down shutters; and whisking, with merciless squalls, Old women's bonnets, and gingerbread stalls; There never was heard a much louder shout, As the apples and oranges tumbled about; And the arches, that stood with their thievish eyes Forever on watch round off each with a prize. Then away to the field, it went blustering and humming; And the cattle all wonder'd whatever was coming: It pluck'd by their tails, the grave matronly cows, And toss'd the colts' manes all about; Till, offended at such a familiar salute They all turn'd their backs, and stood silent. So on it went, capering and playing its pranks, Whistling with reeds on the broad river's banks, Puffing the birds, as they sat on their spray, Or the traveller grave, on the king's highway. It was not too nice to hustle the bags Of the beggar, and flutter his dirty rags; 'Twas so bold, that it feared not to play its joke With the doctor's wig, or the gentleman's cloak. Through the forest it roared, and cried gaily, "Now, You sturdy old oaks, I'll make you bow!" And it made them bow without more ado, And crack'd their great branches through and through. Then it rush'd like a monster on cottage and farm; Striking their dwellers with sudden alarm; And they run out like bees, in a midsummer swarm; There were dames with their kerchiefs tied over their heads, To see if their poultry were free from mishaps; [caps, The turkeys they gobbled, the geese screamed aloud, And the hens crept to roost in a terrified crowd; There was rearing of ladders, and logs laying on, Where the thatch from the roof threatened soon to be gone. But the wind had press'd on, and had met in a lane, With a school-boy, who panted and struggled in vain; For it took him and twist'd him, then pass'd and he stood With his hat in a pool, and shoe in the mud.

The booksellers are advertising a book of "Fairy Legends." It must have some curious features about it.

SPENCE'S ELEVATOR, OR STEAM DOCK.

Fig. 1.

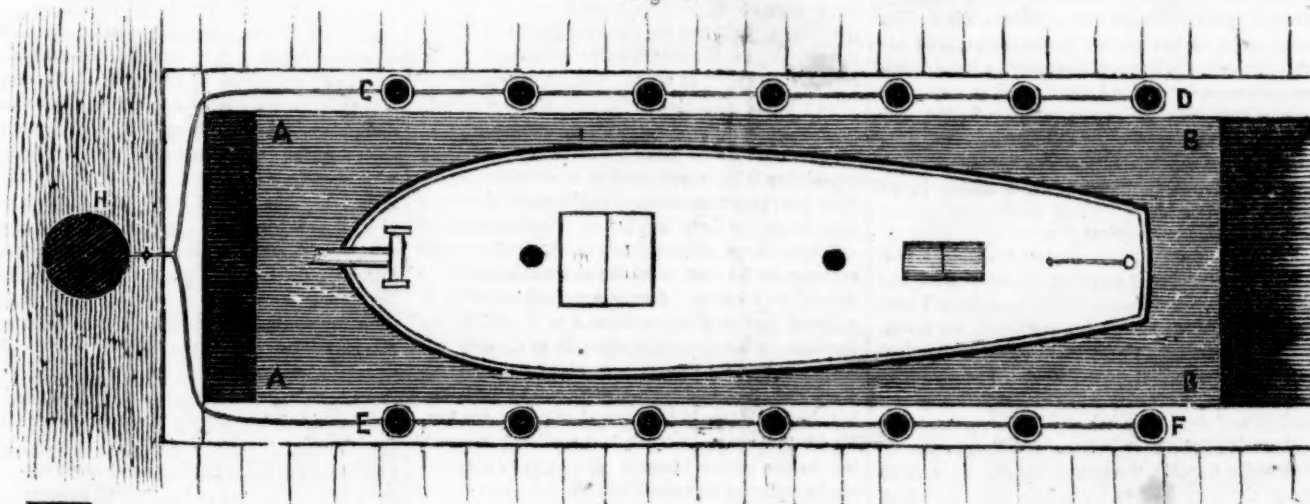
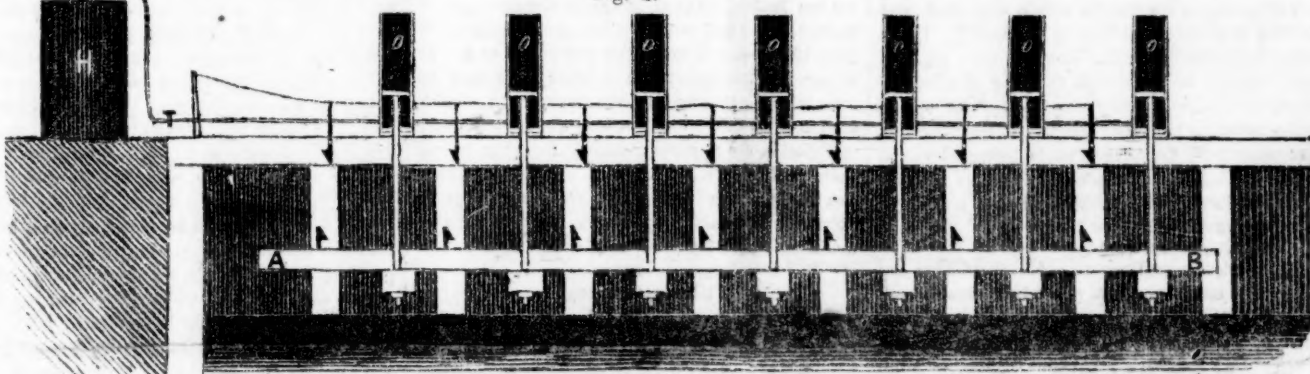


Fig. 2.



EXPLANATION.—Fig. 1 is a vertical view or ground plan of the apparatus; and fig 2 is a sectional side view, or longitudinal elevation. A strong platform, A A B B, fig. 1, or A B, fig. 2, is calculated to be submerged deep enough to allow a vessel to float over and rest upon the platform, as represented in fig. 1. Two rows of iron cylinders, C D E F, are arranged in a vertical position on each side of the dock; and in each cylinder is a piston, from which a piston rod descends through a cylinder head and stuffing-box at the bottom of the cylinder to the platform, or to the ends of the cross-timbers on which the platform rests. It will be observed that each row of cylinders stand upon a stout cap-timber which rests upon a row of posts at each side of the dock. The cylinders of each row are connected to each other by a steam-pipe below the pistons; and the two steam-pipes become united in one at the head of the dock, and this one is connected to the boiler H. It will be seen that by the admission of steam into the cylinders, the pistons, are all uniformly forced upward, and the platform is thereby elevated; and when it has attained a proper height, a row of hooks or catches, arranged on each side of the platform, take to a corresponding row of reversed hook-levers, which are secured by pivots to the cap above, and the platform is thereby held firmly without the continuation of the steam pressure; but when it is required to return the platform to the bottom, steam is applied to elevate the pistons, and the hooks are relieved from the catches by means of a line or wire, which is connected to the head of each hook-lever, and being drawn forward the hook at the bottom is carried beyond the catch; and by letting off the steam by a valve or steam-cock, the platform is allowed to settle gently into the water. The representations in this engraving are intended to illustrate the general principle rather than the proportions of the several parts. With regard to the lifting power of this plan it may be remarked that if twenty cylinders are arranged in each row, and each piston presents 100 square inches of surface, and the density of the steam is 100 lb to the square inch, the entire lifting force on the whole would be 400,000 lbs. This plan was invented some time since by Mr. Wm. J. Spence of this city, though he has not hitherto found it convenient to introduce it to use. He intends to apply for a patent as soon as the utility of the plan has been tested. For further particulars apply at this office.

A CURIOUS SHAWL.—A scarf has been submitted to the editor of the London Times. Four colors are so constructed as to fold into twenty different effects; either color can be worn alone, and two together, three, or all four, according to the caprices of the wearer. Mr. Robert Kerr, of Paisley, is the enterprising manufacturer who has accomplished the weaving in one piece of this extraordinary shawl, which is announced to be a scientific production of far greater merit than any thing which has appeared in the French exposition of manufacture.

READING NEWSPAPERS.—A western paper says that young ladies who are accustomed to reading newspapers, are always observed to possess winning ways, most amiable dispositions, and invariably make good wives; while on the other hand, those who read nothing, or what is far worse, novels, are generally unfit for either society, or domestic cares, and their company is but little sought by either sex, farther than the rules of common civility actually require.

ECONOMIZING.—An Irishman once enquired of the toll-gatherer of one of the London bridges, how much a man was allowed to carry over, and was told in reply, to carry as much and whatever he chose; whereupon a company of Irishmen immediately appeared, each with a companion, or his wife and children on his back, and paying a single toll marched over, much to the chagrin of the collector, whose exposition of the law had proved so unprofitable.

A NEW DIAMOND MINE.—The rich stores of Brazil seem not yet to have been exhausted, and new discoveries are being made, developing the richness of her diamond mines. One of these has been recently opened, exceedingly valuable. A French paper published at Rio de Janeiro gives the following account of it: "This mine, which has already produced 400,000 carats of diamonds, was discovered in October, 1844, by a negro shepherd. The man, struck with the resemblance of the ground to that of the mine of Tienco, where he had worked, began to dig, and found some diamonds, which he carried to Bahia for sale. He was arrested and thrown into prison on suspicion of having stolen them, but made his escape. He was pursued by some Indians who were sent after him, and found digging again for diamonds, and thus the existence of the mine became known to the Government. It is said that the produce already realized amounts to eighteen millions of francs."

A RUM PAPER.—A new paper, commenced at Concord, Mass., edited by Doctor Carlos Tewksbury, goes in for liquor-drinking, with a perfect looseness. He proposes political action, and says:

"We mean to have our conventions made up of tavern-keepers, liquor dealers, and liquor drinkers, and all others who will go against that old mother of harlots, the Massachusetts Temperance Union, alias compulsionists. We have no respect of persons."

We never before fully realized the meaning of the term, "Steam Doctor." It is an old saying, that "doctors won't take their own prescriptions;" but we presume this one will prove an exception.—Oasis.

CUT FLOWERS.—As you are fond of having flowers in your room, you will perhaps be glad to know how to preserve cut flowers as long as possible. The most simple rules are not to put too many in a glass, to change the water every morning, and to remove every decayed leaf as soon as it appears, cutting off the stems occasionally, as soon as they show any symptoms of decay. A more efficacious way, however, is to put nitrate of soda in the water;—about as much as can be easily taken up between the forefinger and the thumb, put into the glass every time the water is changed, will preserve cut flowers in all their beauty for above a fortnight. Nitrate of potash (that is common saltpetre) in powder, has nearly the same effect, but is not quite so efficacious.—Mrs. London.

DOGS IN THE BATTLES.—Very many of the officers attached to the army of occupation, own remarkably fine dogs, principally of the pointer and setter species. After the battle of the 8th began and the firing became very intense, two dogs, remarkable for their intelligence, appeared to listen to the confusion for a while with great astonishment, and then evidently holding a consultation, they started off at great speed for Point Isabel, being the first arrivals at that place from the battle field. There was a brave dog, however, to redeem the character of the species. He posted himself in front of one of the batteries, and watching with the intensest gravity the appearance of the discharged ball, would start after it at full speed, expressing great surprise that it was out of his sight so suddenly. He would then wheel round, and watch the appearance of another ball, and then again commence the chase. He thus employed himself through the action, and escaped unhurt.

HUMBURG.—Everybody, perhaps, is not acquainted with the etymology of the word humbug. It is a corruption of Hamburg, and originated in the following manner:—During a period when war prevailed on the continent, so many false reports and lying bulletins were fabricated at Hamburg, that, at length, when any one would signify his disbelief of a statement, he would say, "you had that from Hamburg," and thus, "that is Hamburg" or "Humbug," became a common expression of incredulity.

GALVANISM EXPELLING DEVILS.—A man in France, believing himself bewitched, and possessed of seven devils, applied to a physician who gave a galvanic shock daily for seven days in succession, driving out a devil every morning, at twenty francs a-piece for six, and forty for the seventh. When the seventh day came, the patient was warned to summon all his courage for a contest with the chief of the band, whose resistance would be tremendous. The doctor then proceeded to give him a shock which laid him sprawling on the floor. Gaily recovering himself, "I am cured!" he exclaimed, paid the price agreed upon, and went his way.—Galvanism is probably one of the best remedies in the world for such diseases. There is nothing equal to a good electric shock for nervous complaints.

KEEP DOING.—I know of nothing better for poor miserable, do nothing, fear-all sort of beings—such as not unfrequently attempt to act their part in life's drama—than to set about doing, with all their soul and strength, whatever proper work either for body or mind, comes first to hand. When one is in the Slough of Despond, a good leap at almost any thing will get him out. "Do and keep doing," is nature's great direction. Our work can never be done up. There is no rest; if we sit down we are gone. Like criminals in a treadmill, we must go on *no less volens*; if willingly and constantly, very well; if reluctantly and unwillingly, then we must expect raps to keep us going.—Turner.

FLORIDA PINE APPLES.—The Charleston Evening News of the 29th ult. says:—We have been presented with specimens of this fruit raised at St. Lucia, East Florida. They have been produced with scarcely any trouble, and are the product of a second crop, and the only fruit of the kind which has been raised in the United States. Our informant states that all the tropical fruits are easy of culture in the Eastern portion of Florida.

A LIST OF PATENTS ISSUED FROM THE 2d MAY TO 16th MAY, 1846.

(Continued from No. 49.)

- To John Street, of Philadelphia, for improvement in lamps: patented 2d May, 1846.
- To Elisha S. Snyder, of Charlestown, Va., for improvement in bolting flour: patented 2d May.
- To Allen Judd, of Cabotsville, Mass., for improvement in wind-mills: patented 2d May.
- To Luther Gifford, of Syracuse, N. Y., for improvement in weather strips, for doors, &c.: patented 2d May.
- To John M. May, of Philadelphia, for improvement in plows: patented 2d May.
- To Joel H. Morse, of Lowell, Mass., for improvement in machinery for dressing tortoise-shell, &c., patented 2d May.
- To William S. McLean, of Alleghany, Pa., for improvement in window-sash fasteners: patented 2d May.
- To Daniel Asbury, of Colburn's Post-office, N.C., for improvement in machinery for washing gold and silver ores: patented 2d May.
- To Andrew Vetter, of Philadelphia, for improvement in over-shoes: patented 2d May.
- To Joseph Hayward, of Cleveland, Ohio, for improvement in compositions for blacking leather: patented 9th May.
- To J. Shaler, of New York City, for improvement in tuning metallic reeds: patented 9th May.
- To Moses D. Wells, of Morgantown, Va., for improvement in shovel ploughs: patented 9th May.
- To William R. Kelsey, of Big Steam Point, N. Y., for improvement in bee-hives: patented 9th May.
- To Daniel Arndt, of West Middletown, Pa., for improvement in bee-hives: patented 9th May.
- To Joseph Echols, of Columbus, Ga., for improvement in propelling vessels: patented 9th May.
- To Robert Frederick, and Granville A. Trump, of Baltimore, Md., for improvement in Refrigerators for corpses: patented 9th May.
- To Walter W. Hart, of Philadelphia, for improvement in the manufacture of spoons: patented 9th May.
- To Hiram Todd, of Columbus, Ohio, for improvement in Dentists' turn keys: patented 9th May.
- To Abigail Clark, of Doe Run Post-office, Pa., for improvement in meat-curers: patented 9th May.
- To John Haslet, and Cornelius Devitt, of Irville, Ohio, for improvement in bedstead fastenings: patented 9th May.
- To Samuel Wilson, of Danville, New York, for improvement in machines for the manufacture of harness bridles, &c.: patented 9th.
- To John H. Lester, of New London, Conn., for improvement in machinery for dressing staves: patented 9th May.
- To Philip B. Tyler, of New Orleans, for improved Safety Switch for railroads: patented 9th May.
- To J. W. Howlett, and F. M. Walker, of Greensborough, N. C., for improvement in smut machines: patented 9th May.
- To J. K. Millard, of Town Hill, Pa., for improvement in regulating and directing upon water-wheels: patented 9th May.
- To Benjamin A. Holbrook, of Providence, R. I., for improvement in riveting weaver's pickers: patented 9th May.
- To Andrew Ellicott, and John M. Crone, of Baltimore, Md., for improvement in Reverberatory Furnaces: patented 16th May.
- To H. H. Stimpson, of Boston, for improvement in hocks of cooking ranges: patented 16th May.
- To Christopher Hand, of Port Elizabeth, N. J., for improvement in water-wheels: patented 16th May.
- To John L. Sullivan, of New York city, for improvement in spinal supporters: patented 16th May.
- To Alfred Stillman, of New York city, for improvement in sugar pans: patented 16th May.
- To John Lee, of Wellsville, Ohio, for improvement in cooking stoves: patented 16th May.
- To Thomas Colbertson, of Cincinnati, Ohio, for improvement in brick presses: patented 16th May.
- To Laban Morse, and Whitman T. Lewis, of Athol, Mass., for improvement in stoves for burning fine fuel: patented 16th May.
- To John R. Rennington, of Lowndes Co., Ala., for improvement in the construction of Andirons: patented 16th May.
- To Henry Staub, of Martinsburgh, Va., for improvement in smut machines: patented 16th May.
- To Albert W. Gray, of Middletown, Vt., for improvement in wrought-nail machinery: patented 16th May.
- To John F. Winslow, of Troy, New York, for improvement in the mode of manufacturing malleable iron directly from the ores: patented 16th May.
- To Squire M. Fales, of Baltimore, Md., for improvement in feeding furnaces: patented 16th May.
- To James Wilson, of New York city, for improvement in cooking stoves: patented 16th May.
- To William P. McConnell, of Washington, D. C., for improvement in propellers in vessels: patented 16th May.
- To Matthias W. Baldwin, of Philadelphia, for improvement in locomotive carriages: patented 16th May.

EFFECT OF SULPHATE OF IRON ON VEGETATION.—The *Journal d'Horticulture Pratique*, asserts that a tree, of which the wood is tender, poor and sickly, to which a strong solution of sulphate of iron (copperas) should be applied, revives and puts forth an extraordinary vegetation. This solution of sulphate, of which M. Paquet has made many successful applications this summer, should be given in and with the water, when the plants or trees are watered, so that the roots may more readily absorb the chemical agencies which reanimate the vital forces of the tree.



NEW-YORK, THURSDAY, SEPTEMBER 3.

POST MASTERS.—Who receive this paper, will confer a special favor by mentioning the subject occasionally to scientific mechanics. The aid, also, and influence of all our kind patrons, in extending the notice and circulation of this paper, is most respectfully solicited.

METEOROLOGICAL AFFAIRS.—We have received no intelligence on the subject of artificial production of rain, in answer to a correspondent's letter of enquiry, published two weeks since. Our friend Starr, of the "Farmer and Mechanic," has made a rather violent effort at wit on the subject, and closes with an interrogation concerning aerial navigation. By the way, we would recommend to our neighbor to confine his attention to "things of earth," and not think of aerial flights:—we have Stars enough in the heavens already.

EXPLOSIVE COTTON.—Gunpowder superseded.—An article of the humbuggous class, has commenced its newspaper rounds, purporting to have been copied from a Swiss paper. The statement is that a quantity of cotton has been presented to the Basle Society of Natural History, by Professor Schonbion, so prepared as to be more explosive and more powerful in its effects than gunpowder. A small quantity, equal to the sixteenth of an ounce, being placed in a gun barrel, a ball was thereby thrown with such force as to perforate two planks at the distance of 150 feet. In another experiment a "drachm of cotton sent a ball to a distance of 600 feet, where it penetrated a deal plank to the depth of three inches." A thread spun from this wonderful cotton, would probably split the largest rocks by being merely passed round or over it, and struck with a small hammer.

SILICON, OR MALLEABLE GLASS.—Nearly a year ago we noticed an article on this subject, representing that a tough, transparent, malleable, and unbreakable glass had been discovered, produced and exhibited in Paris. We intimated at the time, that the statement was probably a hoax; but it has been running the rounds ever since; even within a week we have seen it in several of our exchanges with as honest a countenance as it presented at the first; although the "malleable glass" has never been seen since the author of the story awaked from his silicon dream. It would be well for American editors to be economical of their credence with regard to the extravagant accounts of new and wonderful discoveries, reported in foreign journals.

A MATCH FOR SATAN.—It is related that a lady in Hungary, who was annually accustomed to visit Pesth on the *Fete de Dieu*, bringing with her an only daughter, a lovely child of seven or eight years, missed her in the crowd, and after a fruitless search was compelled to return without her. Another year had elapsed when, on another visit to the place she discovered the child blind and in rags, bitterly crying and holding out a wooden bowl for alms. It appeared she was in charge of an old woman, or hag, who sat behind her, and who had deceived the child from her mother and put her eyes for the purpose of employing her the more successfully at begging. The old woman was arrested, but the broken-hearted mother was inconsolable.

Mr. S. A. Warner, of England, professes to have invented an apparatus by which he "can easily destroy any fleet" which his country "can send out to sea: render all the fortifications recently erected useless, and all harbors and rivers around the British island impassable." He has applied to the government for a specified sum of money therefor, and threatens that in case of refusal, he must make the invention public, "whatever may be the consequences." Perhaps he will get it.

EARTHQUAKE IN NEW ENGLAND.—A rather severe shock of an earthquake was experienced on the morning of the 25th inst., at Boston Worcester, and Springfield, Mass. It was not accompanied with much noise, but the houses were shaken so as to disturb the furniture, and ring the bells. Its continuance was three or four seconds.

A GRAND ENTERPRISE IN CONNECTICUT.—Mr. Anderson, a competent engineer, has commenced a survey of the route for a proposed canal from Windsor Locks to Hartford. It is thought that a water-power, superior to that of Lowell, may be secured by carrying out this project, and an immense manufacturing business be established. If the work is carried through it will greatly add to the activity of the ever busy and lively city of Hartford.

N. Y. STATE FAIR.—Extensive preparations are being made at Auburn, for the great State Fair at that place this month. A site has been chosen on Capitol hill, overlooking the village and a large extent of country.—Floral hall is to be 150 by 50 feet; Dairy hall 70 by 28; that for farming implements 100 by 55, and one of equal size for manufactures.

NAVIGATION OF THE TIBER.—A society of rich capitalists has presented to the Roman Government a proposal, the object of which is to make the Tiber navigable, from Rome to the sea, for vessels of the largest size. Should the attempt prove successful, a steamboat from Marseilles would be enabled to land its passengers directly in front of St. Peter's Church in Rome.

A NEW TITLE.—The honorary degree of L. L. D., having been recently conferred on Gov. Toucey, of Connecticut, the New Haven Fountain understands these initials to signify "Learned Liquor Dealer." The Governor had better quit the rum business.

New Inventions.

IMPROVEMENT IN CLOCKS.—Thomas A. Davis has applied for a patent for an improvement, some of the peculiarities of which may be understood by the form of his claim, as follows:—"What I claim as new and original, and desired to be secured by letters patent, is applying to the hour socket of a clock, a register for the purpose of counting off, as the hours go round, to stops upon the strike wheel, or to stops arranged upon the strike wheel shaft. I also claim the application of two arms from a central shaft, the end of one of which strikes upon a register as above described, guiding the end of the other to stops upon the strike wheel, or to stops arranged upon the strike wheel shaft. I also claim the combination in a clock, of the lifting post—the stops arranged as above described. The two arms forming a centre for the objects above described—and the register made and applied as above described—all together or any two together." The application was entered 12th August, 1846.

IMPROVED HOT-AIR FURNACES.—Joseph C. Morris, has applied for a patent (August 12) for an improvement in which he claims "the manner of arranging and combining the flues, or air-heating pipes; namely, the ends of the pipes being connected with an end pipe or conductor, communicating with the space between the double walls, so that the air shall be heated, and the heat equalized before it enters the furnace chamber, whether such conductors be vertical or horizontal, or in any other position retaining the same purpose." He also claims "arranging the flues and radiators, with respect to the fire chamber of the furnace, so that the air shall impinge upon the fire chamber, in the manner described."

TRAYER'S SELF-ACTING BRAKE.—Another self-acting contrivance for stopping trains of cars, has been entered at the Patent Office by Edwin Trayer. We have not seen a description of the invention, but judge from the features of the claim, that it must be somewhat complicated. The following is the inventor's claim:—"What I claim as my invention, and desire to secure by letters patent, is the combination of the cross-bar, shackled to the elbows of the toggles, the swivel, the curved inclined planes, the ring with its lever, and the rod projecting in front of the car, the whole being arranged and operating in the manner herein described, and forming a self-acting braking apparatus. I also claim the forked lever, the counter-lever, and the stud, together with the rods carrying the inclined planes or wedge-shaped pieces, as also the spring acting upon the ring, and serving to keep the clutch teeth engaged; the several parts being combined and operating in the manner and for the purpose herein set forth, and described, forming a disengaging apparatus." August 12th.

IMPROVEMENT IN BRIDGES.—Horace Childs has entered an improvement in which he claims the employment of additional nuts upon the suspension rods, under the upper, and above the lower stringers, whereby the suspension rods answer the additional purpose of counter braces. He also claims the employment of screw bolts combined with the thrust braces, and projecting beyond them sufficiently to pass through the stringers where they are united with the posts: the stringers, posts, and braces, being thereby bound together.

FREDERICK HARBASH has also entered an improvement in bridges, in which he claims "a combination of devices, by which the diagonal braces operate either by thrust or tension at pleasure, while the vertical rods at the same time operate either by tension or thrust."

APPARATUS FOR FREEZING OR COOLING WATER.—An application for a patent for the invention was entered August 18th, by John Dutton. The water to be cooled is contained within, or made to pass through a metallic pipe, in the centre of which is another pipe, supplied with a current of atmospheric air liberated from under a heavy pressure or condensation. The air must have remained under compression long enough to allow its ordinary caloric to escape therefrom; after which, by being permitted to expand to its ordinary volume, it will be intensely cold, and will readily absorb the caloric from the contiguous water. We are not informed whether the inventor has any peculiar method of compressing the air; but the invention is based on correct theory and will probably succeed.

TRAVELLING TRUNK AND LIFE-PRESERVER COMBINED.—This invention consists of two water-tight trunks or apartments, connected by hinges and straps of such a size and shape that they will fit to the chest of a man and leave fair play for his arms, and that may be secured to him by straps whenever a buoyant life-preserver may be required; the water-tight apartments serving for receptacles of the money and valuable articles of a traveller's wardrobe, and the central sections formed by the union of the water-tight apartments by straps and hinges, with a temporary bottom and cover, serving as a receptacle of a carpet-bag, overcoat, &c. Entered at the Patent Office August 18th, by Edward G. Fitch.

NEW NAUTICAL INSTRUMENT.—Report says that a gentleman of Delaware has invented an instrument which accurately determines the longitude of any place on sea or land, as certainly as the compass determines the cardinal points at all times.—*Exch.*

We have on hand a plan of an instrument for the same purpose, invented by a gentleman in this city; but as neither of them have probably been proved, we are not authorized to place much confidence in the full success thereof.

It appears from an official document just presented to Parliament, that there were last year 454 collisions of vessels at sea, and in the present year, to the 12th of May last the number was 150.

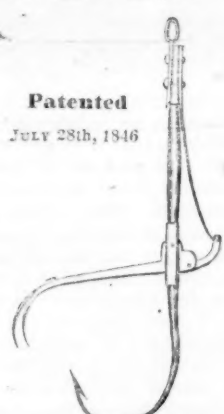
Science of Mechanics.



THE UNLIMITED FORCE, BUT LIMITED POWER OF THE SIMPLE LEVER.—We are led to advert to this subject again, in consequence of having seen several people endeavoring to gain an advantage of power, by some peculiar modification of the lever, or the combination of several different modifications of the same principle. This pursuit may properly be compared to that of endeavoring to produce a numerical sum, by adding, arranging, and combining several quantities of cyphers. The fact is, and should be fixed in the mind of every mechanic, that no power can possibly be gained by any modification of the lever; and consequently no advantage can be gained by any combination thereof: but with regard to force or pressure that may be produced by a lever, it is unlimited, even when applied in the most simple form; and no combination can extend the force beyond infinity. The most perfect and simple lever, is a straight bar, resting on a fulcrum, and with one end applied to the body to be raised, moved, or effected by it, while the operating force is applied to the other end. In this, as in all other cases of what are termed the mechanical powers, and in all machines in which force and motion are employed, there are to be considered three essential points, which may be termed the "receiver," the "supporter," and the "communicator." These three points are illustrated in the cut; A, being the receiver, or point at which force is originally applied; B, the supporter or fulcrum, which is a fixed foundation to the moving part; and C, the communicator, from which point the force of the moving machinery is communicated to some other object. Now be it remembered that in all levers and moving machinery, the force applied by the communicator will be in the same proportion to that applied to the receiver, as the motion of the communicator is to that of the receiver. Suppose the supporter be so adjusted that the distance from A to B shall be one hundred inches; and that from B, to C, only one tenth of an inch; then if one pound weight be applied at A, the force applied at C will be 1000 lbs.; but the block C, will be elevated only the one-hundredth part of an inch, while the point A descends ten inches. If an increase of motion is required, let the order be reversed; let C be the receiver, and A the communicator: in this case A will be elevated ten inches, while C descends one-hundredth of an inch, yet it will require a force something more than 1000 lbs. at C to elevate one pound at A. In all cases of machinery, the relative force may be ascertained by taking into consideration the relative motion, and vice versa: wherefore, as both force and motion are required to constitute power, (to say nothing of time, without which no definite power can be established,) it must be plain to all, that no power can be gained by various combinations or modifications of the lever, or of machinery.

The Sockdologer.

Patented
JULY 28th, 1846



A NEWLY INVENTED AND PATENTED FISH-HOOK.—This hook is a perfect fish killer in itself. The old saying that "a nibble is as good as a bite" is truly exemplified in this invention. No sooner does small fry or big fish attempt a nibble at the bait, than down comes a trip-hammer hook, by the power of spring and lever, giving the unlucky nibbler a "sockdologer" between the eyes, and securing it on the barb as firmly as if it had essayed to swallow the whole invention, instead of taking a fastidious nibble to make sure of "fresh bait." We recommend all the disciples of Izaak Walton to provide themselves with a supply of this article, for it is truly the greatest invention of the age, and is destined to make the inventors, Messrs. Engelbrecht & Skiff, as celebrated in the piscatory world, as good old Izaak Walton himself.

GREAT DISMAL SWAMP.—The extensive elevated marsh or swamp, in North Carolina, is spoken of by an English traveller as one of the wonders of America. He remarks that "the swamp is fifty miles in length and twenty-five in breadth, is something, in comparison, like a peat-bog, and is forming gradually a rich coal deposit, but its peculiarity consists in this, that the surface of the morass, instead of being lower than the level of the surrounding country, is higher. Mr. Lyell calls this an anomaly, and is apparently at a loss to account for it. What is, perhaps, still more remarkable, is, that the centre of the swamp itself is much higher than the surrounding parts. The formation, which is a good peat, is moreover found in a climate in which nothing of this kind has before been discovered."

SOUNDS IN COLD WEATHER.—We are told in Captain Parry's Journal of a voyage for the discovery of a North-west Passage, that the distance at which sounds were heard in the open air, during the continuance of intense cold, was so great as constantly to afford matter of surprise to him, notwithstanding the frequency with which he had occasion to remark it. People might be heard distinctly conversing in a common tone of voice, at the distance of a mile!

From the Army, Mexico & California.

The steamer McKim arrived at New Orleans on the 23d ult., with dates from Point Isabel to the 17th, and from Camargo to the 13th. China, 60 miles above Camargo, was taken by McCulloch and his 75 Rangers, on the 5th of August. Seguin, with 100 mounted Mexicans, took flight from the town, which contains 700 inhabitants. There were 300 regulars at Camargo, on the 9th, ready to start for Monterey.

The volunteers were pouring in. General Taylor arrived on the 9th, with his staff. A grand review of the troops took place, and it is said Taylor expressed himself in terms of admiration of their discipline. Duncan's battery and McCulloch with a portion of his men left Camargo on the 12th, in the direction of Monterey.

The steamer Arab arrived off Vera Cruz on the 15th Aug., with Santa Anna on board. He immediately placed himself at the head of the movement in that department. Before Santa Anna left Havana, he took letters from General Campbell to Commodore Conner, and avowed himself, in reply to some enquiries as to his intentions, as follows:—"If the people of my country are for war, then I am with them, but I would prefer peace."

News had been received in Mexico that Monterey and California had been taken by one of the vessels of the United States squadron. Another account says that "all California has yielded to the Americans!"

Expensive Ignorance.

It would not be difficult to find a thousand instances in which people lose three-fourths of their labor, and sometimes three-fourths of their stock or materials, for want of a knowledge of the most judicious method of applying them; yet the only answer that can be obtained from such people, by one who would introduce to them labor-saving facilities, is that they like the old way best, and have no opinion of new invention. In one section, even of the enlightened state of Massachusetts, the farmers throw their sheaves of grain upon the ground, and make their cattle walk over it, to detach the grain from the straw, instead of threshing. A threshing machine is not known among them; although it is a fact that one horse will thresh and winnow more grain in a day with a good machine, than ten horses can tread out, leaving the cleansing to be done by the hand-shovel at a future day. In many places, people persist in employing eight or ten men to propel a loaded boat up a rapid river, although there is abundance of power in the current to propel the boat with much greater velocity, with the attendance of one man; yet these people want no new inventions. A farmer will labor a week at harrowing, sowing, and smoothing a field, which might be better done in one day with the new "Field Engine." Another will expend two hours' labor per day, for six months in drawing water from a deep well for watering cattle, when by means of a Wind Power Fountain, which would cost him but fifty dollars, his cattle would be better supplied, and all the labor saved. Thousands grind their corn and grain by hand, although a wind mill complete, that will do their grinding, without requiring any attention, can be furnished for fifty dollars. Many more similar cases might be named, but we shall close this article with a slight allusion to the many thousands and fire-places, still retained in use in this country, from the fires in which three-fourths of the emanating heat uniformly passes into the chimney, instead of being radiated into the room. Yet the owners want no new inventions.

REFLECTORS.—Concave reflectors have been in use many years, but never yet applied to any really useful purpose. They are usually suspended on the wall of a room, and a lamp is so adjusted in front, that its reflected rays are thrown off horizontally, too high for the use of the people in the room, and serve only to illumine a single spot, which has the apparent effect of darkening the rest of the room. If a plain mirror were substituted for the concave, the light in the room would be considerably increased. Or if a small concave mirror be so adjusted to a lamp that an extra quantity of light may be occasionally thrown on a book or paper, or on the work at which a person may be employed, it will be found exceedingly useful and convenient, and will effect a considerable saving of oil. We have procured a reflector of this description for our own convenience, and deriving a decided advantage therefrom, we can confidently recommend its general introduction and adoption by those who have occasion to read or write by artificial light.

AMERICAN SOLDIERS' FARE.—A recent letter from an Indiana volunteer to his father, says:—"We are allowed six lbs., of coffee per day to the hundred men—twelve pounds sugar—one pound pilot bread, or eighteen ounces flour to each man; mess pork more than we can eat—one quart of beans per day for six men—one pint of rice per five days for six men—and vinegar and salt as much as we want—beet about once a week, sometimes more and sometimes less—and molasses occasionally.—We sleep on our blankets, and if the wind blows much, pull one side over us, and when mosquitos are bad cover our heads."

A MAHOGANY SHIP.—The Bangor Whig says a Chilean ship is loading lumber in that harbor for Valparaiso. Her timbers are mostly mahogany, her spars of oak wood, and her capstan of satin wood. Ten of her crew are native Chileans, speaking only the Spanish language, and are said to be good sailors.

A BRILLIANT EDUCATION.—A candidate for Congress, out West, sums up his education as follows:—"I never went to school but three times in my life, and that was to a night school. Two nights the teacher didn't come, and 'other night I had no candle."

THE NEW CUSTOM HOUSE AT BOSTON.—This edifice is now nearly completed. Not a splinter of wood is to be found in the whole edifice, all is Quincy granite and iron, with marble floors, &c. The roof and dome are formed of solid granite blocks overlapping one another.



Lama Chaney lately ran away from Baltimore with a considerable sum of money, &c., but forgot to cut the telegraph wires, and was consequently headed and arrested. The Yankee rogues understand these things better.

The aqueduct for supplying Boston with water from Long Pond,—recently cognominated with the poetic name of Lake Quickchickchick,—has been formally commenced.

The editor of the Germantown (Ohio) Gazette has surveyed a peach raised in that town, and which measured ten inches and a quarter. He does not expect to hear of a larger one.

A donation of five thousand dollars has been made for the purpose of establishing an observatory at Amherst (Mass.) College. Of course the students will see comets.

An old iron chest, containing \$33,000 in gold was found in a room which had been occupied by an old miser, who lately died at Milville, Ohio. He probably forgot it when he died.

Another splendid steamship, to be called the "Southerner," is nearly finished at the Dry Dock. She is rigged with three masts, and is a thorough-built sea-boat for the southern Trade.

The Albany Evening Journal complains that Mr. Polk vetoed the much-needed River and Harbor Bill, and at the same time appropriated \$60,000 to send a useless regiment to California.

The dairy of Mr. Harrison Bacon, of Barre, Mass., is expected to furnish the markets with about twenty thousand lbs. of excellent cheese during the present season. He has 34 cows of the Durham breed.

A shawl, which cost only three dollars, was lately sent from Philadelphia to Pottsville, by mail, at an expense of six dollars and thirty cents. Whether the postage was paid, report saith not.

It is stated that 5,150,000 gallons of alcoholic liquors have been sent to hewthen lands from the port of Boston alone. The Boston people are ever zealous of converting the heathen.

The Nashville Orthopolitan states that there is a church in Louisville, Ky., composed of the colored population, who pay their preacher, and pay him promptly, \$600 per annum.

The Sunday School Advocate, published at 200 Mulberry street, New York, is said to have a regular circulation of eighty-five thousand copies: probably the largest circulation in the United States.

An elephant at Lockport, Ill., being enraged by finding a piece of tobacco in his food, attacked and nearly killed two horses, and demolished a wagon to which they were attached.

Trials have been made to naturalize the tea plant in France, and with so much success that it is expected to become an important branch of French commerce.

An artesian well of extraordinary depth is in progress of being sunk at Luxembourg. The depth already attained is said to be upwards (rather downwards) of 2330 feet,—near the boiling point.

Six hundred and twelve steamboats have been built in Pittsburgh, Pa., within the last sixteen years. We should like to learn the regular prices of the article per quantity at the factory.

Peaches are selling in our markets at twenty-five cents per basket of three pecks:—retail at three cents per quart, or five for one cent. The abundance of the article exceeds all precedent.

A shark seven feet long was caught on Saturday week, at Long Wharf, in New Haven harbor. The boys who have been bathing in the vicinity may think themselves lucky.

A flock of Peruvian alpacas have been imported by a gentleman of this city, and are pastured on the mountainous lands of Ashfield, Mass. They are healthy and appear contented.

It is reported in the European journals that a steamboat containing 600 troops, was sunk between Almeria and Barcelona, and all excepting two of the company were drowned.

Six casks of cobalt, in addition to several hundred casks of copper ore, were a few days ago shipped on board the North Alabama, at St. Mary's Landing, and directed to London.

Mr. Clement Irvine recently walked across the harbor, at Guernsey, on an iron rod 700 feet in length, stretched at the height of 70 feet above the water. It was a perilous feat of the feet.

A table-spoonful of common salt and a spoonful of vinegar, in half a pint of water, taken warm, is recommended as an infallible cure for dysentery, or cholera morbus.

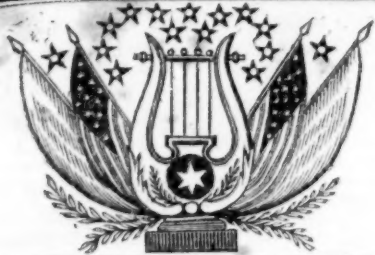
Several British bullets were recently found embedded in the walls of the old house in which Samuel Adams had been residing, in West Cambridge, Mass., at the time of the battle of Lexington.

Ladies who have occasion to prepare peaches and plums for preserving, will find an advantage in procuring boiling water over them, which will cause the skins to come off more readily.

The authorities of Plymouth, Mass., have made arrangements to build an iron fence around the Pilgrims' Rock, and erect a monument over it. Better late than never.

A concert in the open air was recently given in Paris, at which there were eighteen hundred musicians all playing at once. They must have made a great noise, if nothing more.

Several of the prisoners confined in the Massachusetts State Prison, have associated with the Warden and other officers of the prison, in forming a society for Moral Improvement and Mutual Aid.



The Editor.

That editor who wills to please,
Must humbly crawl upon his knees,
And kiss the hand that beats him;
Or if he dare attempt to walk,
Must toe the mark that others chalk,
And cringe to all that meet him.

Says one, your subjects are too grave—
Too much morality you have—
Too much about religion;
Give me some witch or wizzard tales,
With slipshod ghosts, with fias and scales
Or feathers like a pigeon.

I love to read, another cries,
Those monstrous fashionable lies,
In other words, those novels;
Composed of kings and queens and lords,
Of border wars and gothic hordes,
That used to live in hovels.

No, no, cries one, we've had enough
Of such confounded love-sick stuff,
To see the fair creation;
Give us some recent foreign news,
Of Russians, Turks—the Greeks and Jews,
Or any other nation.

The man of drilled scholastic lore,
Would like to see a little more
In scraps of Greek and Latin:
The merchants rather have the price
Of southern indigo and rice,
Of India silks and satin.

Another cries I want more fun,
A witty anecdote or pun,
A rebuff or a riddle;
Some long for missionary news,
And some for worldly carnal views,
Would rather hear a fiddle.

The critic, too, of classic skill,
Must dip in gall his gander quill,
And scrawl against the paper;
Of all the literary fools
Bred in our colleges and schools,
He cuts the silliest caper.

Another cries, I want to see
A jumbled up variety—
Variety in all things;
A miscellaneous hodge-podge print,
Composed—I only give the hint,
Of multifarious small things.

I want some marriage news, says miss,
It constitutes my highest bliss
To hear of weddings plenty;
For in a time of general rain,
None suffer from a drought, 'tis plain—
At least not one in twenty.

I want to hear of deaths, says one—
Of people totally undone,
Of losses, fire, or fever;
Another answers, full as wise,
I'd rather have the fall and rise
Of racoon skin and beaver.

Some signify a secret wish
For now and then a savory dish
Of politics to suit them;
But here we rest at perfect ease,
For should they swear the moon was cheese,
We never should dispute them.

Or grave or humorous, wild or tame,
Lofty or low, 'tis all the same,
Too haughty or too humble;
And every editorial wight,
Has naught to do but what is right,
And let the grumblers grumble.

Music.

All things are music. Every soul that swells
Along the earth is but a mingled note
In Nature's glorious anthem. O'er the fields,
And from the snowy tops of loftiest Alps,
Thro' dark green woodlands, in perennial fields
And o'er old Ocean's waters, heaves and rolls
The eternal tide of song. How various, wild,
And magical its notes! Earth's first-born hymn
And holiest harmony! A melody
That, like the dews of Heaven, soft distills
Upon the weary, overburdened world, and gives
Eternal freshness to its drooping flowers.

All things are music. I have felt the sigh
Of balmy zephyrs creeping to my heart,
And nestling there. In the deep night I've stood
And listened when the stars were bright and clear
In yon blue concave, to the bird of night,
That poured in native strains her tearful plaint,
Breathed for the ear of night alone, which seemed
To catch the charm upon its pinions wide,
And bear it to its home beyond the stars!

All things are music. And a soul it hath,
Twin-soul with man's, responsive in each chord,
It speaks his feelings, mourning in his woes,
And smiling in his joy. It fills his heart
With an exulting bliss, stirs up the blood,
Prompts him to battle, melts him into love,
And lifts his heart in thoughts desire to heaven!
Even as the rose-tint paints the lily pale,
Height'ning his best emotions it is found:
In fountain-fall, in whispers in the wood,
In choral symphonies among the stars,
But most in woman's voice, melting and low,
Like the wind among the reeds, or like the gush
Of cool, clear waters from a spring it comes,
His weary spirit soothing into rest!

PERPETUAL MOTION.—A machine is on exhibition at Chicago, Ill., which purports to be the long-sought invention: and so cunningly deceptive is the machine arranged that the editor of the "Prairie Gem" is convinced that he can see the moving principle therein very clearly. The inventor's name is A. B. Vancott. The Dutchman is ahead of the Yankee, for once.

The Dogs and the Beggars.

"Hark! hark! the dogs bark,
The beggars are coming to town;
Some in rags, and some with bags,
And some in velvet gowns."

We have endeavored, but in vain, to ascertain who has the honor of authorship of the sublime and comprehensive poetry which we have quoted above, and which, as we imagine, contains more meaning, signification, and common sense, than has been usually put to its credit. Our limits will not admit of our going into full details of its merits; but we would merely, and in as brief a manner as possible, notice some of the peculiarly valuable treasures of wisdom with which its lines appear to be freighted.

First, then, we will consider its first word, "hark." This word can never be properly used but in the imperative mode. It is a command, not merely to listen,—to attend,—but, requires a temporary suspension of every other attention,—of every other consideration: and we know no word in the English language, which commands so much attention, and produces so much effect, when uttered solitary and alone, as this simple monosyllable "hark."

We would now say to our readers "hark!" let nothing conspire to withdraw your attention, while we bestow a passing notice on the next subject, to which our attention is naturally drawn: namely, "the dogs." And who, or what, are the dogs here spoken of? Dogs, even strictly and literally considered, occupy an immense variety of grades, stations, and qualities, almost all of which may be considered as symbolical of certain definite characters among the more ideal and inconsistent animals, called men. The dogs, as we are by the poet informed, bark! The barking of dogs often proceeds from motives very diverse; sometimes they bark for joy; sometimes for the purpose of giving notice of certain events; more frequently by way of indicating hostility and menace; but still more frequently for the purpose of amusing themselves by their own clamor. But in this latter case the dogs usually have some ostensible occasion, so that when we hear the dogs bark, we are apt to suppose that there is some real occasion for it, as in the case above quoted. And what is this grand occasion which thus sets all the dogs barking? O! the beggars are coming to town. The word beggars is understood to indicate those who, instead of earning an honorable independence by their own industry, are dependent on the labor of others for their support;—a support not always consisting of a mere subsistence;—it is but an inferior class of beggars who require no more than this;—but a support in affluence, honor and authority over the very people who contribute liberally to their support. And they "are coming to town." They are coming forward on the great public stage—they are coming to place themselves before us in a manner that will claim, and even command our charity. We will then enquire who are the beggars, whose approach occasions so much noise and disturbance by setting all the dogs—great dogs, little dogs, pugs, curs, and poodles,—to barking at such a rate? The first class mentioned, are represented to be clothed in rags; and hence we are ready to conclude that they are a poor worthless pack of beings,—too poor to draw from our purses; and too unfortunate to share our sympathies. The next class are more interesting; they, as we are informed, have bags—bags of gold it may be. These are beggars worth noticing: and what ever they beg—whether honor, office, or more gold, they are sure of our sympathies, and we let the world know, that such illustrious beggars as these, shall never beg in vain. But lo! yet another class of beggars, to whom even the last-mentioned, with their golden bags, pay homage. We know who they are by their costumes—rich velvet gowns.—Behold the dignified solemnity of their carriage and demeanor—the grave confidence with which they solicit—nay, even command our charities—the free use of our purses. Ah, these are the most adroit and successful beggars; they evince a practical knowledge of the business—they have reduced begging to a science; and in this business not the least influential instrument by which they succeed, is the lawn or velvet gown.

A SIMPLE BAROMETER SIMPLIFIED,—is the title given by a correspondent—(Mr. J. D., 175 Sixth Avenue)—to an invention which he describes as follows:—"Take a common vial and fill it about two-thirds full of water, turn it up suddenly to prevent the air passing out, and suspend it in that way. You will notice, on the approach of a storm, that the water will descend to the mouth of the vial, and in dry weather will set back in the neck." It must be understood that the neck of the vial must be very small to prevent the ingress of air bubbles.

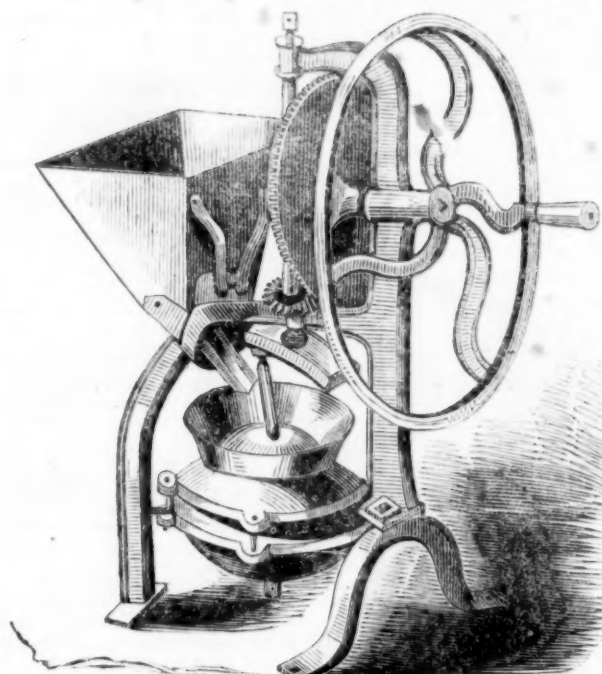
MARRIED AND ROBBED.—A distinguished widow lady of Virginia came to Baltimore last week, in company with a loving young husband, to whom she had recently united herself, but after a few days' sojourn the graceless scamp left for parts unknown, taking with him some \$400 in money, a note of hand for \$500 more, and all the valuables the lady possessed. The Baltimore papers are greatly at fault in neglecting to give the name of the fellow, that he might be published throughout the country.

WOMEN WANTED WEST.—The Wisconsin Herald of a late date says:—"There is certainly a great scarcity of women in the lead mines. Any industrious girl here can earn \$100 per annum, besides her board, either as a domestic assistant, or at sewing. It is strange that the girls have not enterprise enough to go where they can earn a comfortable living. Thousands of amiable, intelligent and handsome girls are living in penury in the Atlantic cities, who, if here, would be provided with comfortable homes."

MORE IMPROVEMENT.—One of our exchanges has been greatly improved by striking out the cheap advertisements. The example is worthy of extensive imitation. Some small country papers are about one-third filled with these disgusting lies.—New York Organ.

'Emus our sentiments 'xactly.

OSTRANDER'S MILL.



This is called the "Patent, Oblique, Gyration, Spherical Mill," for grinding all kinds of grain, coffee, spices, paints and drugs: and the Patentee assures us that it is not surpassed in either utility or economy. It can be easily turned by hand, or run by power at the usual speed, without heating or cohesion of the metals. It will grind the same quantity of materials, if not more, than any other mill; is not liable to get out of order, and is so constructed that it can be altered at pleasure to suit the grinding of various substances: and whenever any part becomes worn, it can be easily replaced at a trifling expense. Its motion is like that of a globe revolving on its own axis, on an angle of about sixty degrees, more or less, within another

hollow globe, or vice versa; and in its revolutions on its axis it performs a vast number of gyrations, and in each gyration a vast number of curvilinear lines on the cutting surfaces, different from any other mill, whereby the points of contact are continually changing, and the plates preserved from heat, cohesion, or irregular wear. It is driven by a bevel-wheel and pinion, and from the horizontal position of the driving shaft it can be propelled with great ease by hand, or with power also if required. One of these mills is now being exhibited in operation at No. 121 Fulton street, where the public are respectfully invited to call and examine its properties, and judge for themselves. The price of a mill of the kind here represented is only \$20!

Locomotive Engine Factory.

The Newcastle Guardian contains the annexed account of a visit to the factory of Messrs. Stephenson, of Newcastle, Eng.:

"The works are divided into two factories, on either side of South street, and thus called 'east' and 'west.' The latter, though the newer is the more extensive of the two, occupying several acres of ground. On entering it the stranger is at once struck with the novelty, as well as the extent and variety of the operations disclosed. The ear is saluted with the noise of some hundreds of hammers reverberating on boilers and anvils, and the eye is startled by the sight of so many blazing fires and sundry workmen, with the greatest sang froid, carrying about huge bars and plates of red hot iron! On examining the various departments, however, the visitor soon finds enough in each to engage his closest attention. He is at first introduced into a workshop of unusual dimensions, level with the ground, where upwards of forty hands are busily occupied in fitting up different parts of the machinery. Over this shop is an equally capacious room, accommodating about seventy men and boys, who polish and otherwise prepare the inside gearing and fine parts of the engines. Each stands in front of a vice, at which the usual filing and chiselling are performed; but ingeniously constructed machinery, driven by steam power, is placed along the entire space of the room, and facilitates the more difficult task of cutting and modelling cranks, shafts and wheels. Proceeding to another part of the works, several locomotives are seen in the course of trial on rails laid for the purpose, and others in course of completion under a large shed. Adjoining this is the packing, framing, and painting shop, where locomotives intended for a distance are taken to pieces after having been previously tried, and carefully packed in wooden boxes of unusual size and strength. The painting of the exterior of the carriages is also done in this department, and the framing put together. The boiler yard, or what is facetiously termed the 'musical saloon,' is the next place of interest. Musical, this portion of the works most certainly is, and music of the right sort, too—the music of industry and enterprise. Fancy an angular shed in which are some sixty or seventy huge fires glowing before the roar of the blast; about two hundred stalwart men and boys, all hammering, riveting, or otherwise making a deafening noise, some with immense bars and plates of red hot iron, others inside of boilers or fire boxes—fancy such a sight, and you have an imperfect idea of this 'musical saloon.' Many ingenious and beautiful specimens of mechanical art are, besides, seen at work in this department, such as a machine by which riveting bolts are moulded and fitted, and another by which the perforations in the 'copper fire boxes of the engines are executed with much skill and exactness. Leaving this, the visitor is conducted to the shop where the tenders are completed, and where a number of joiners are at work making boxes used for packing the engines sent to a distance. A fine saw-mill for cutting the heavy pieces of timber required, is here at work, and in an upper apartment, wooden patterns for machinery are prepared by skillful artisans. The east factory differs but little from the west, nearly the same kinds of work being performed in both. It is less in extent, but equally interesting and important to the visitor. Some branches are done here which we did not observe elsewhere. Engravers, for example, are constantly employed preparing the plates bearing the engine maker's name, and also the letters for the name of the locomotive. All the brass castings are likewise done in the east factory. Every part of the locomotive, except the metal castings, are prepared and completed in both factories. The drawings and plans of the engines, are executed in a separate part of the works by a number of artists, who, judging from the specimens shown us, seemed to reflect no ordinary credit on their worthy employers.

Politeness and Good Manners.

It is a fact that mechanics, as a class, are in the habitual practice of as much rational politeness as those who are pleased to consider themselves members of the higher classes. In the higher circles, so called, there is an abundance of etiquette and affectation, grinning smiles, and ceremonies. The well-bred mechanic, on the other hand, is more honest in his demeanor, and acts with civility from good will and friendly sentiments. True politeness is easy to learn and easy to practice, without much constraint or exertion; and when a man once acquires a habitual good feeling toward his associates, and has at heart a disposition to please them, he can hardly fail of a good share of true politeness. The most conspicuous awkwardness usually proceeds from attempting to ape the manners of the rich and fashionable. The two main pillars of true politeness are good will and good sense. With these a man cannot fail of a good share of politeness; yet, as this art, like all others, is facilitated by instruction, we shall add a few hints on the subject which may be occasionally useful to the young mechanic.

When you rise in the morning, be careful to leave the pillows and bed clothes in their proper places. When you wash, be cautious to avoid spilling or dripping the water on the floor.

When you first meet with any of the family, or fellow lodgers in the morning, be particular to exhibit some token of regard to each; either a gentle salutation, or a bow, or other suitable gesture of recognition, with a cheerful smile of satisfaction at seeing them.

In going to your meals, do not hurry as if afraid of failing to secure the best chance; neither wait to be the last of all, as if afraid there would not be seats enough for all. At the table help yourself with freedom, and be attentive to help others to whatever may appear to be beyond their reach and which you may suppose would be acceptable to them. Do not be careful to leave a remnant of any article on the table, as if you thought there was no more of it in the house. Do not help another person to an article that stands directly before him, as if you thought he did not know enough to help himself.

Either eat or affect to eat as long as others do at the table, or leave the table and company: do not sit, waiting for others to finish their meal.

Do not talk much while eating: the tongue has then other employment, and cannot well perform two kinds of business at the same time.

Be forward to proceed to your employment, but not in advance of your companions: it looks ostentatious.

If a friend casually calls on you while at work, do not leave your business and wait for him to retire.

When walking, if you see a pebble or broken hoop, which may discommode others, remove it from the path; whether in company or alone.

Take no notice of insult from others; for no man who would insult you, can be worthy of your notice; do not tell him this, however.

Be not forward to oppose the opinions or sentiments of another, unless you sincerely desire to enlighten him.

Exercise a feeling of friendship toward those with whom you converse, and endeavor to advance their felicity by making yourself agreeable.

When you are in company, do not say "it is time to be going" until you really intend to withdraw; and do not open the door to go, until you have closed conversation.

A NOVELTY AT NEWPORT, R. I.—The custom has been introduced, and is becoming quite popular, for ladies and gentlemen to bathe in company.—They are furnished with bathing dresses of red flannel, those of both sexes being alike. It is thought that if the sea serpent should once catch a view of the scene, he would quit our coasts forever.



Practical Religion.

"Yea, rather blessed," said our Lord Jesus Christ on a certain occasion, "are they that hear the word of God and keep it." In these two emphatic words—hear and keep—the whole experience and practice of religion are summed up. In order to hear the word of God aright, the two conditions are requisite: attention, in order to understand, and simplicity, that is, humility and reverence, in order to receive it. How surprising is it that the truth and authority of God's word should be admitted by any who nevertheless listen to it with careless indifference. But human nature is, as it ever has been, hostile to that truth which taxes much either of its attention, time, or endeavor. One of the most beautiful and affecting of our Lord's parables is taken up in teaching, that of the four great classes into which the hearers of the word of God may be divided, one alone received ultimate and abiding profit from that truth which was designed to save all. And the case of that generation stand out to all succeeding time, a monitory example, showing how possible it is that a state of indolent inattention, of sensual indulgence, of pride and prejudice, might render nugatory the plainest instructions, delivered on the most important of all subjects, by a teacher sent from heaven too, and attesting his mission by acknowledging miracles. The state of the mind and heart, then, is of the highest consequence, inasmuch as it is decisive of the results, whenever the word of God is either read or heard. Attention and reflection are both necessary. Divine truth is not equalled upon the ear in tones of thunder; nor are the great maxims of duty typed upon the understanding with the lightning's flash. Nothing is easier, if so we will it, than by careless indifference to prevent every valuable and permanent impression.

But then all this is preparatory to an ultimate end. We hear the word of God in order to keep it. What can be more certain than that the theory of religion is always in the Scriptures connected with its practice. "If ye know these things, happy are ye if ye do them." "Whosoever," saith Christ, "heareth these sayings of mine and doth them, shall be likened unto a wise man." Away, then, from the earth with the war of vain polemics. Let us have done with the speculations which have drawn men's minds from the weightier matters of the law; and the controversies which have idly spent the energies meant for the conquest of the world. The true standard by which to judge of christian pretensions, is the world of practical obedience. Art thou a christian? What self denials dost thou daily practice? What conflicts with and conquests over the sin that doth so easily beset thee? What diligence in making thy calling and election sure? A christian! what beds of sickness dost thou visit? What distresses hast thou alleviated, what necessities supplied? Where the talents that have been consecrated to God?—the friends that have been made of the mammon of unrighteousness? Behold the world!—Over five eighths of it hangs the rayless gloom of spiritual night. Its millions perish for lack of the bread of life. The danger is imminent, the relief must be prompt.—Where then are your activities, your exertions, your prayers and your sacrifices? Where the sympathy which goes along with that most sublime of all enterprises—the moral conquest of the world; the zeal which shouts for its progress, and the faith which doubts not its final issue? When will the fortunate day come that shall see the church of Christ, from individual to individual, from rank to rank, and society to society, all animated with the spirit of loyal, practical obedience to the divine Head; when all internal feuds shall be hushed, and the resources which belong to christianity, fully developed, shall carry the reign of peace, purity and truth around the globe.—S. C. Ado.

THE TEMPERANCE REFORM.—We have before alluded to the fact that the progress of the temperance reform in and through the country, has the effect to increase temperance and rowdiness in the principal cities. In further illustration of this fact we give below the number of arrests for drunkenness in this city for one week ending the 25th ult.:

On Tuesday, the 18th, the number of drunkards, of both sexes, reported to the police from the several station-houses, was fifty-six.
On Wednesday, 19th, there were forty-six.
On Thursday, the number was fifty-two.
On Friday, the 21st, there were twenty-five.
On Saturday morning, thirty-six.
On Sunday, no less than sixty-six.
On Monday, the number was forty-seven.
In all 328 in one week; and this number exclusive of the many cases which occurred in the day time on those days. Rumblers of the city are in their glory of shame at present, and will so continue until men are elected to fill the offices of Government who have a sufficient share of moral honesty and common sense to break up the murderous trade.

RATIONAL.—"We have at last ascertained the cause why it is that the crimes of the poor are visited with more rigor and severity than those of the rich and opulent. The poor fellow who steals but a pair of boots or a loaf of bread, must be taken care of for two or three years, otherwise he might bother the Court on similar charges; but the man who steals by thousands, steals enough to last him through life, and will, therefore, never bother justice—consequently he is let off leniently on account of his tact."

THREE WONDERS IN HEAVEN.—"If I ever reach Heaven," said Dr. Watts, "I expect to find three wonders there: 1st. The presence of some that I had not thought to see there; 2d. The absence of some whom I had expected to meet there; 3d. The greatest wonder of all will be to find myself there."

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Black Eyes.

There's mischief in the bright black eye,
And danger lurking round,
And yet must shun its witchery,
Who have a heart to wound.
Ye may not stand unscathed and free,
The lightning of its glance;
Thou'lt meet the whole artillery
Of blue, with better chance.

SILVER IN LEAD.—A very considerable item of the mineral wealth of the West consists in the silver which is found to exist in lead. The mines of Dubuque and vicinity are understood to be particularly rich in this respect, some specimens furnishing as much as one hundred ounces of silver to the ton of lead, though it is estimated that five ounces to the ton will pay for the process of separating it.

The process of separation, as followed at the upper mines, we learn, is as follows. A number of cast iron vessels, capable of holding five or six tons lead each, are prepared. In these the metal is melted and suffered to cool slowly, being stirred constantly with an iron rod. As the liquid cools, a partial crystallization takes place; this contains a large proportion of silver, and falls to the bottom; it is removed by means of a perforated ladle, and subjected again to a similar process in other vessels, while the residue in the first set of vessels continues to be heated and stirred till it ceases to crystallize. Finally, the richest parts separated by this process are placed in what is called a cupel. This is a shallow vessel, made of bone ashes and very porous. The metal is subjected to a high degree of temperature, and then a stream of cold air from a bellows passes over it. Oxidation of the remaining portion of lead takes place, in the form of litharge, and the pure silver falls to the bottom. The litharge is valuable in commerce, and the lead which failed to crystallize by the first process, is run into pigs, and is just as useful for ordinary purposes as though the separation had not been made.

EXQUISITELY NICE.—The waiters at the Delavan House serve in white gloves. What next.

NEWSPAPERS.—In New York, Philadelphia, and Boston, there are thirty-nine daily papers.

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This undertaking has received the approbation of our most benevolent and intelligent citizens, as well worthy the patronage of all classes of business men.
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Communications, post paid, to S. FLEET.
August 12—THE TORPEDO ELECTRO-MAGNETIC MACHINE.

THE TORPEDO ELECTRO-MAGNETIC MACHINE.

The subscriber takes this opportunity of apprising the public that, at the last Fair held by the American Institute, he obtained the premium and medal for the best Electro-galvanic machine on exhibition. Since then he has made a new and very important discovery in these by which he can give out the pure magnetic fluid, or the primary current. Its efficacy is truly wonderful.

SAMUEL B. SMITH,
Inventor and manufacturer, 297 1-2 Broadway, left side going up. 43to52



STATE OF NEW YORK, SECRETARY'S OFFICE, ALBANY, July 24, 1846.

TO the Sheriff of the City and County of New York: Sir—Notice is hereby given, that at the next General Election, to be held on the Tuesday succeeding the first Monday of November next, the following officers are to be elected, to wit:—A Governor and Lieutenant Governor of this State. Two Canal Commissioners, to supply the places of Jonas Earl, junior, and Stephen Clark, whose terms of service will expire on the last day of December next. A Senator for the First Senatorial District, to supply the vacancy which will accrue by the expiration of the term of service of John A. Lott on the last day of December next. A Representative in the 30th Congress of the United States, for the Third Congressional District, consisting of the 1st, 2d, 3d, 4th and 5th Wards of the City of New York. Also, a Representative in the said Congress for the Fourth Congressional District, consisting of the 6th, 7th, 10th and 13th Wards of said City. Also a Representative in the said Congress for the Fifth Congressional District, consisting of the 8th, 9th and 14th Wards of said City. And also a Representative in the said Congress for the Sixth Congressional District, consisting of the 11th, 12th, 15th, 16th, 17th and 18th Wards of said City.

Also the following officers for the said County, to wit: 16 Members of Assembly, a Sheriff in the place of William Jones, whose term of service will expire on the last day of December next. A County Clerk in the place of James Conner, whose term of service will expire on the last day of December next, and a Coroner in the place of Edmund G. Rawson whose term of service will expire on the last day of December next.

Yours, respectfully,
N. S. BENTON, Secretary of State.

Sheriff's Office, New York, August 3d, 1846.

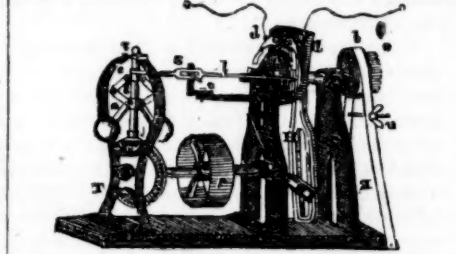
The above is published pursuant to the notice of the Secretary of State and the requirements of the statute in such case made and provided for. WM. JONES, Sheriff of the City and County of New York.

All the public newspapers in the County will publish the above once in each week until election, and then hand in their bills for advertising the same, so that they may be laid before the Board of Supervisors, and passed for payment.

See Revised Statutes, vol. 1, chap. vi. title 3d, article 3d—part 1st, page 140. aug 18 tE.

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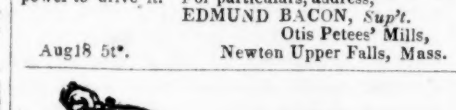
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april 23m*

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